

ABSTRACT OF THE DISCLOSURE

[0051] A reactor module having one or more than one heat exchanger, a chamber block capable of being charged with a catalyst, and a platform are assembled in a unit in which separate fluid flows of reactants and heat media are directed by manifolds and ducts intrinsically formed in the module. Multiple reactor modules may be interconnected to form a further reactor module unit and the interconnected reactor units may in turn be configured for a large system with a high power rating.